



Internet Explorer Page 00010000 - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://199.205.1.62/index.php

dixell

Configuration	Supervising	Devices	Data	Alarms	Printing	Tools				
System Access				Identification Time						
User Name: Administrador	Change Status: Unlocked			Name: Prof. Edgar						
Permissions: Administrador	Language:			Description: Profesor de clase						
Serial Security				Alarms						
Serial: Resource: IP Ad: Port: CPU time: HD Temp:	Serial ID: RiserID% 199.205.1.62 24 °C / 75.2 °F W / 29% 387MHz VIA Intel Atom (Centaur/Hood) 25 % (TOSHIBA MB85SGAA)									
Reboot: Recording: Alarm Temperature: Average Core Temp:	Info: Active Active 73.5 °C max									
Remote Connection: Last Connection:	Active: Unknown Administrator									
				<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Device</th> <th style="width: 50%;">Alarm Type</th> </tr> </thead> <tbody> <tr> <td>Fuel Case 07110</td> <td style="color: red;">High Alarm Temp</td> </tr> </tbody> </table>			Device	Alarm Type	Fuel Case 07110	High Alarm Temp
Device	Alarm Type									
Fuel Case 07110	High Alarm Temp									

XWEB300D: ALARM AND CONTROLLING WEB SERVER

APPLICATIONS: it is extremely well suited for 6 or 18 device installations such as petrol stations, mini-market, small storage centres. A simple DIN Rail mounting (4 DIN) and the absence of local user interface make the XWEB300D the ideal solution for the remote connection / assistance (via modem) to the plant. Local or remote connection from PC is made without the need for special software, only standard web browser (Microsoft Internet Explorer® or Firefox®) software is needed; the information is displayed as Web pages. The competitive price lets you to use this Web Server in applications with a only a single regulator such as compressor rack and medical close control.

- Data capture and alarm monitoring web server connectable to Dixell's controllers with serial output or to others ModBUS-RTU compatible devices
- Structure based on Linux operating system with WEB pages
- Data shown for all controller values, parameters programming and alarms
- Powerful graphs showing and exporting functions in Excel® format
- Calendar function to filter alarm transmissions to a particular service
- Alarm sending via FAX, SMS or e-mail
- Possibility to have a connection with a PDA or Smartphone
- Local or remote connection to a PC with a standard browser (Microsoft Internet Explorer® or Firefox ®) for the data display and monitoring
- 8MB or 24MB internal memory to store up to 1 year data recorded with 15 min sampling time and 6 or 18 controllers
- Standard communication protocol ModBUS-RTU
- 15VA max power absorption

XWEB300D checks the unit and, in case of malfunction alarm, it notifies the assistance centre through FAX, SMS or E-mail. It allows OEM's via direct control to decide to engage a local service call out only if necessary. XWEB300D can also records all data relevant to the function of the controlled unit and insert them into a table. In this way the OEM has important information for new models for improvement of the unit itself.



Thanks to LAN port, the connection (also via internet) to the XWEB300D is easy and safe and no special software is required. It is possible to see all the variables of a controller and to manage of all parameters and alarms. With Java Applet it is possible to generate comprehensive visual graphs.

TECHNICAL DATA

- 200MHz CPU

Internal memory 8MB (6 instruments) and 24MB (18 instruments)

24Vac or 110÷230Vac ±10% power supply

1 LAN output

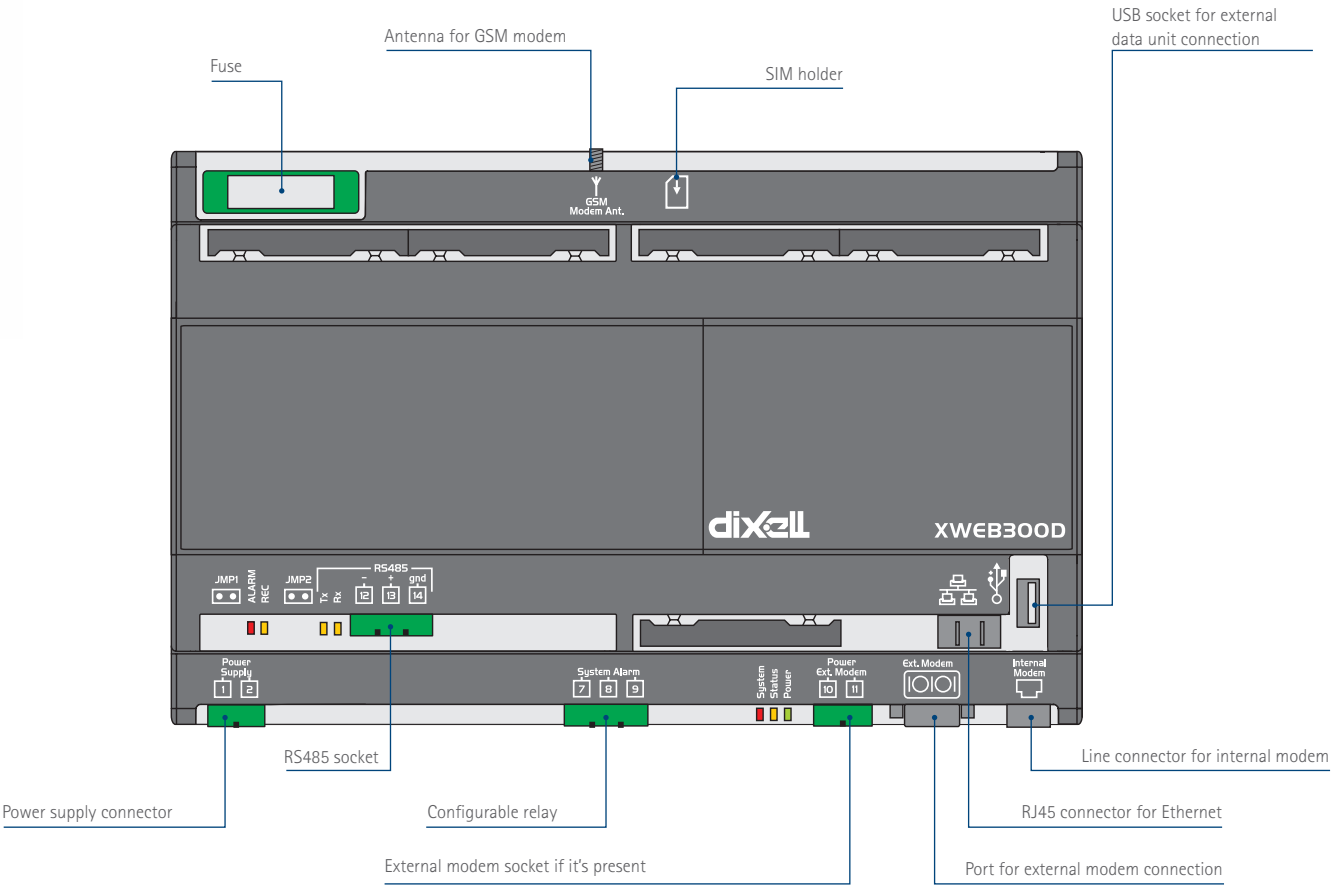
1 RS485 serial line for device (ModBUS – RTU) connection
- 1 RS232 port for external modem

1 configurable relay

Programmable sampling time from 1 to 60 minutes

Optional analogue or GSM internal modem

Direct power supply for GSM modem



HOW TO ORDER

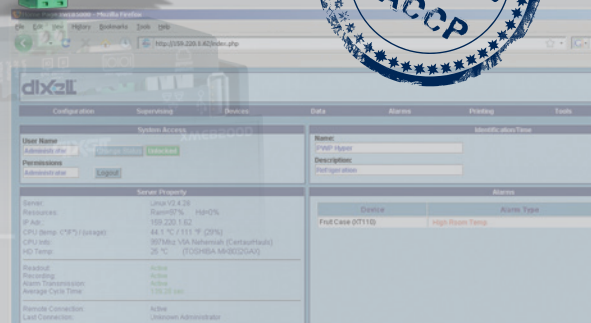
XWEB300D X W E B 3 0 0 D - A B 0 0 E

A	B	E
Power supply	N. of instruments	Internal modem
2 = 24Vac 8 = 110÷230Vac	B = 6 F = 18	0 = No 1 = Analogue modem 2 = GSM modem

More information about functions and connections at pages 26÷30



D: 10 DIN Rail



XWEB500–XWEB500D: MONITORING AND CONTROLLING WEB SERVER

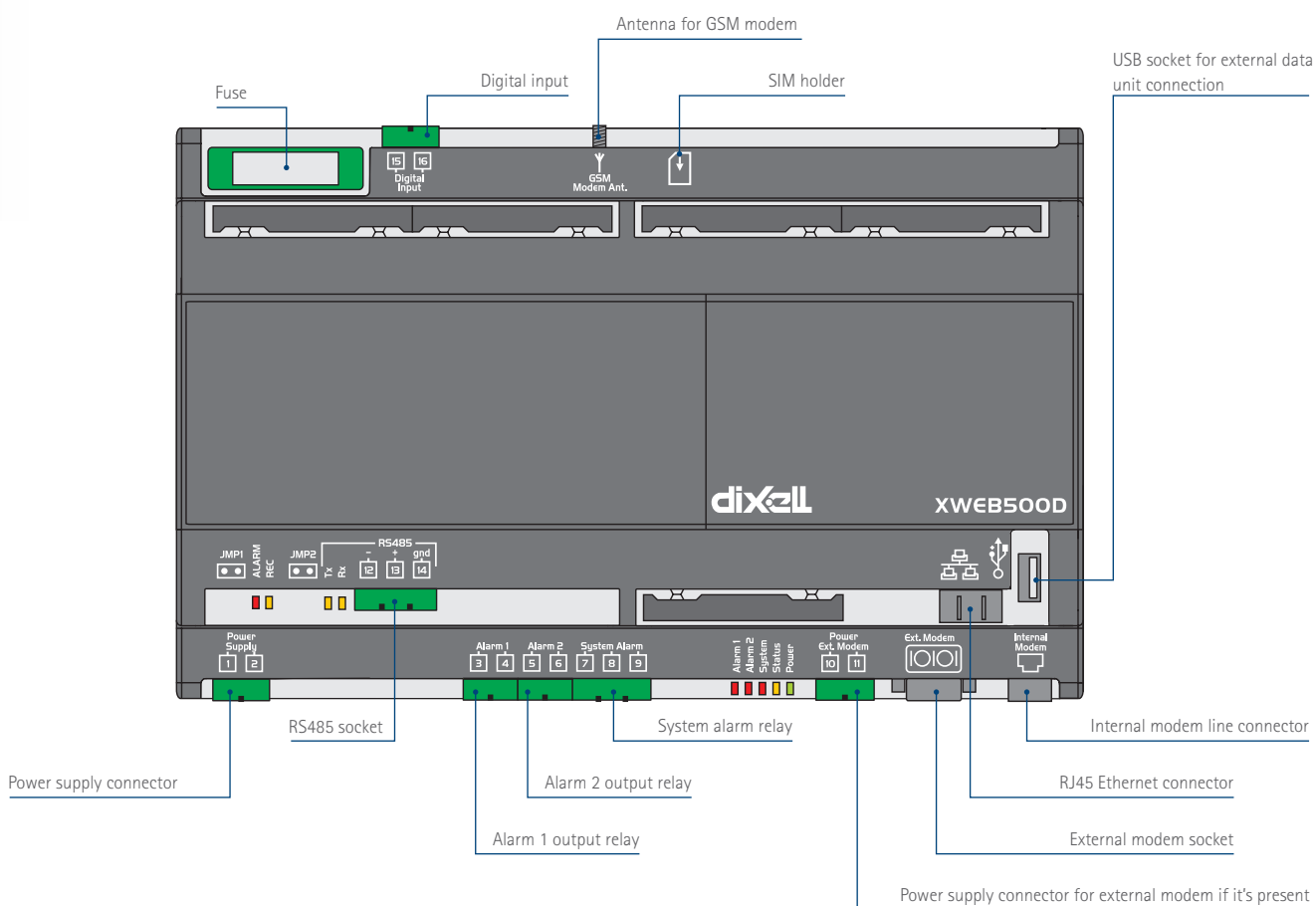
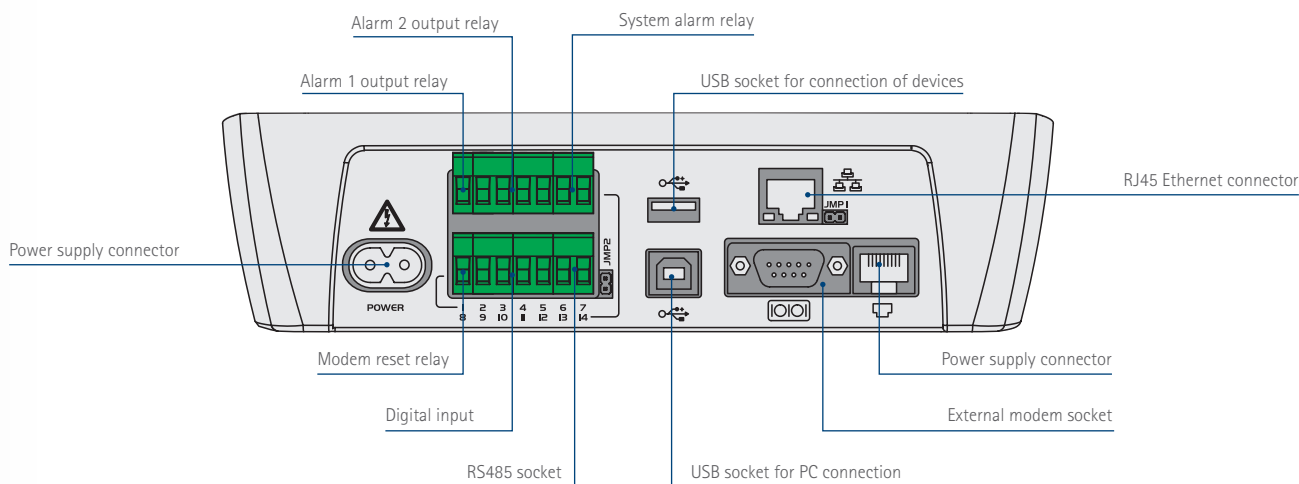
APPLICATIONS: it is extremely well suited for medium installations up to 36 or 100 devices, such as petrol stations, supermarkets or storage centres. Its innovative and useful features make the instrument suitable for medium-large applications such as production and storage goods centres. Thanks to its 2 available formats, it can be installed whether on DIN Rail or wall or panel mounting, but can also be used as desk instrument. Local or remote connection from PC is made without the need of special software, only standard web browser (Microsoft Internet Explorer® or Firefox®) software is needed; the information is displayed as Web pages.

- Monitoring and controlling web server connectable to Dixell's controllers with serial output or to others ModBUS-RTU compatible devices
- The unit can operate as a stand-alone server by means of the local keyboard and display (XWEB500)
- Electrical panel board on DIN Rail mounting (XWEB500D)
- Structure based on Linux operative system with WEB pages
- Controller values display and parameter and alarm management
- Powerfull tool to view graphs and export in Microsoft Excel® format
- Calendar function for alarm transmission to the "in charge" service
- Alarm sending via FAX, SMS or e-mail
- Command sending activation through digital input
- Possibility to have a connection with a PDA or Smartphone
- Local or remote connection from PC using standard browser (Microsoft Internet Explorer® or Firefox®) for the data management and display
- 48MB or 128MB internal memory to store 1 year of data with 15min sampling time (36 or 100 controllers)
- Standard communication protocol ModBUS-RTU
- 15VA max power absorption for XWEB500D and 20VA max power absorption for XWEB500

TECHNICAL DATA

200MHz CPU
48MB internal memory (36 controllers) and 128MB internal memory (100 controllers)
24Vac power supply (XWEB500D only) or 110, 230Vac $\pm 10\%$
1 LAN output
1 USB output (XWEB500D) – 2 USB outputs (XWEB500)
1 RS485 serial line for device (ModBUS – RTU) connection

1 RS232 output for external modem connection
1 system alarm relay output
2 RS485 alarm relay outputs
1 digital input
Sampling time programmable from 1 to 60 minutes
Optional analogue internal modem or GSM
Direct power supply for GSM modem (XWEB500D)



HOW TO ORDER

XWEB500 [X] [W] [E] [B] [5] [0] [0] [-] [A] [0] [0] [0] [E]

XWEB500D [X] [W] [E] [B] [5] [0] [0] [D] [-] [A] [B] [0] [0] [E]

A	B	E
Power supply	N. of instruments	Internal modem
2 = 24Vac (for XWEB500D) 4 = 110Vac (for XWEB500) 5 = 230Vac (for XWEB500) 8 = 110÷230Vac (for XWEB500D)	H = 36 T = 100	0 = No 1 = Analogue modem 2 = GSM Modem (for XWEB500D)

More information about functions and connections at pages 26÷30



XWEB3000: INDUSTRIAL MONITORING AND CONTROLLING WEB SERVER

APPLICATIONS: it is extremely well suited for larger installations with up to 247 devices such as supermarkets, hypermarkets or large storage and distribution centres as well as production and storage goods processing such as fast-food, restaurants, catering up to medical and pharmaceutical applications. XWEB3000 is the ideal solution for service needs (modem, ethernet and internet connection); it can operate, as a stand-alone server without using a PC but it's also simple to connect a monitor, keyboards and mouse. Local or remote connection from PC is made without the need of special software; only standard web browser (Microsoft Internet Explorer® and Firefox®) software is needed. The alarm signalling for service is very flexible and can be done through Fax, e-mail, SMS and also via relay outputs.

- Monitoring and controlling industrial web server connectable to Dixell's controllers with serial output or to others ModBUS-RTU compatible devices
- Structure based on Linux operating system with WEB pages
- All controller values can be showed using a special "Single View" window or using "Run Time" window where many controllers can be viewed at the same time. It is even possible to use a "Layout" view of the plant with pictures and schematics drawings
- Powerful tool to view graphs and export in Microsoft Excel® format
- Easy plant management by means of the "Scheduler" to send commands according to a custom calendar
- Calendar function and internal RTC both for alarm transmission to the "in charge" service and command sending to the controllers
- Possibility to divide the controllers set in different categories of products with their own sampling time
- Alarm sending via FAX, SMS or e-mail
- Commands sending activation through digital input
- Possibility to have a connection with PDA or Smartphone
- Local or remote connection from PC using standard browser (Microsoft Internet Explorer® or Firefox®) for the data management and display
- Standard communication protocol ModBUS-RTU
- 19" RACK or desk mounting
- 50VA max power absorption



Easy configuration, efficient management of all controller values and a display of controllers also using pictures and schematic drawings: these are some of the XWEB3000's strengths. It is an intuitive, powerful and at the same time, very versatile device. This web server allows parameter and alarm management with different levels and typologies, providing the user with the possibility to divide the controllers into different categories, each with their own sampling periods. Powerful tools include: the scheduler which is a graphic instrument created to manage commands sent to the controllers, data export used to save data in a Microsoft Excel file, and the back-up function to have data-safe protection even in the worst environmental usage, also to save all the unit setup.

TECHNICAL DATA

- 1,3GHz CPU

512MB internal memory

120GB HD

1 LAN output

2 USB outputs

110/230Vac ±10% power supply

1 RS485 serial line for device (ModBUS – RTU) connection

1 RS232 output for external modem connection
- 1 system alarm relay output

2 RS485 alarm relay outputs

1 print output (25 pin)

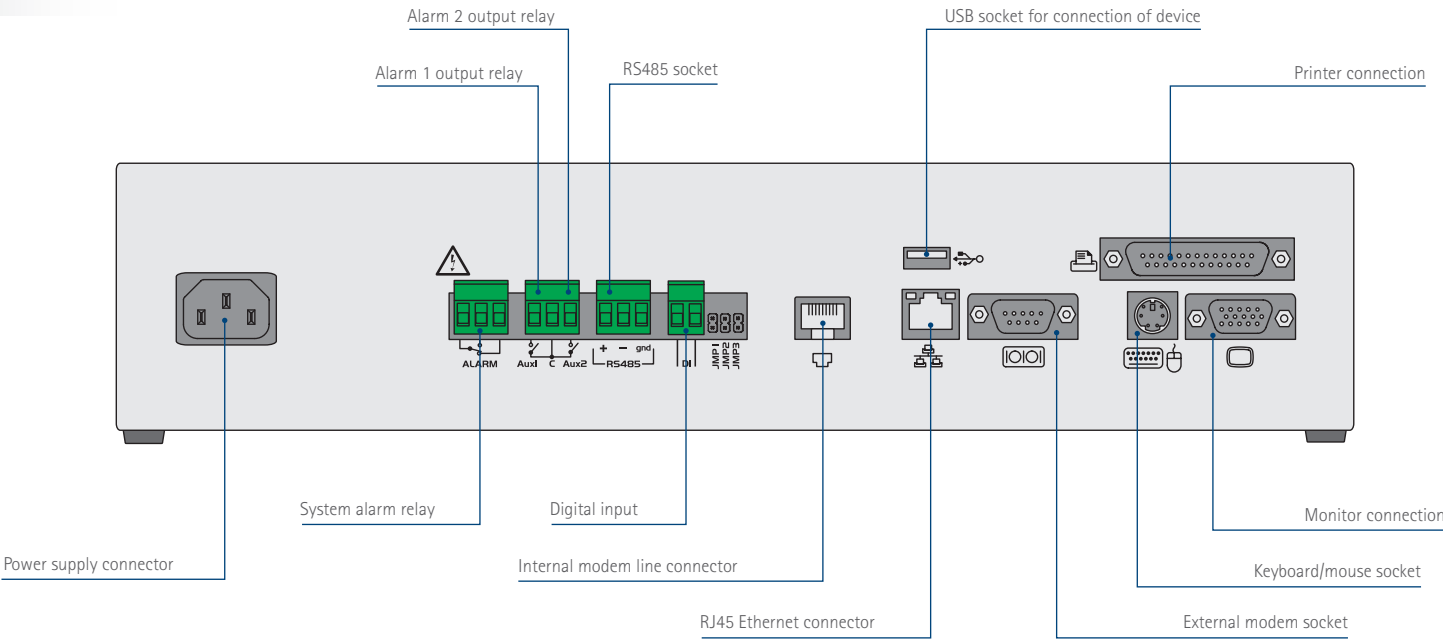
1 digital input

1 keyboard/mouse connector

1 video output

Sampling time programmable from 1 to 255 minutes

Analogue internal modem (optional)



HOW TO ORDER

XWEB3000

X	W	E	B	3	0	0	0	-	6	0	0	0	E
---	---	---	---	---	---	---	---	---	---	---	---	---	---

E

Internal modem

0 = No
1 = Yes



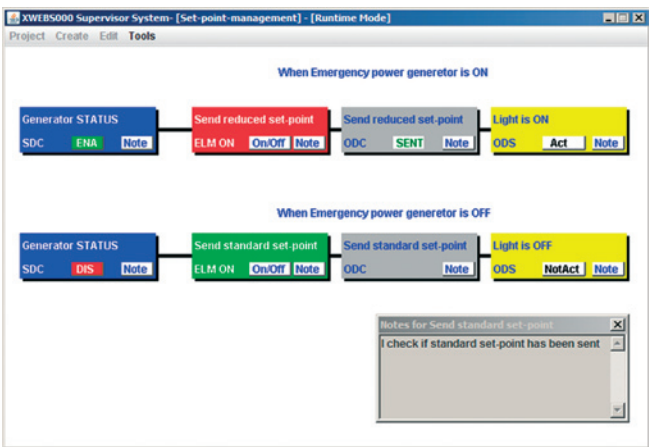
XWEB5000: MONITORING, CONTROLLING AND SUPERVISING WEB SERVER

APPLICATIONS: provided with a powerful supervision engine suited for larger installations (with up to 247 devices) in the refrigeration, conditioning and building automation field, where it's necessary to program several different interactive actions that the controller has to perform. It is extremely well suited to hypermarkets, large storage and distribution centres, as well as production and storage goods processing and is ideal for the large service centre (modem, ethernet and internet connection). The system manages the alarm transmission to the "in charge" service (via Fax, e-mail, SMS and also through relay outputs) and it can also work without a PC using direct connection of a monitor, keyboard and mouse. Local or remote connection PC is made using Microsoft Internet Explorer® and Firefox® browser.

- Monitoring, controlling and supervising web server connectable to Dixell's controllers with serial output and to others ModBUS-RTU compatible devices.
- Built-in editor with local and field simulator
- Automation algorithms (to manage the use of lights, signs, the battery charge/discharge as fork lifts,...)
- Structure based on Linux operating system with WEB pages
- All controller values can be showed using a special "Single View" window or using "Run Time" window many controllers can be viewed at the same time. It is even possible to use a "Layout" view of the plant with pictures and schematics drawings
- Powerfull tool to view graphs and export in Microsoft Excel® format
- Easy plant management by means of the "Scheduler" to send commands according to a custom calendar
- Calendar function and internal RTC both for alarm transmission to the "in charge" service and command sending to the controllers
- Possibility to divide the controllers set in different categories of products with their own sampling time
- Alarm sending via FAX, SMS or e-mail
- Commands sending activation through digital input
- Possibility to have a connection with PDA or Smartphone
- Local or remote connection from PC using standard browser (Microsoft Internet Explorer® or Firefox®) for the data management and display
- Standard communication protocol ModBUS-RTU
- 19" RACK or desk mounting
- 50VA max power absorption
- Including CRO system (**Compressor Rack Optimization**) to reduce plant energy costs

SUPERVISING

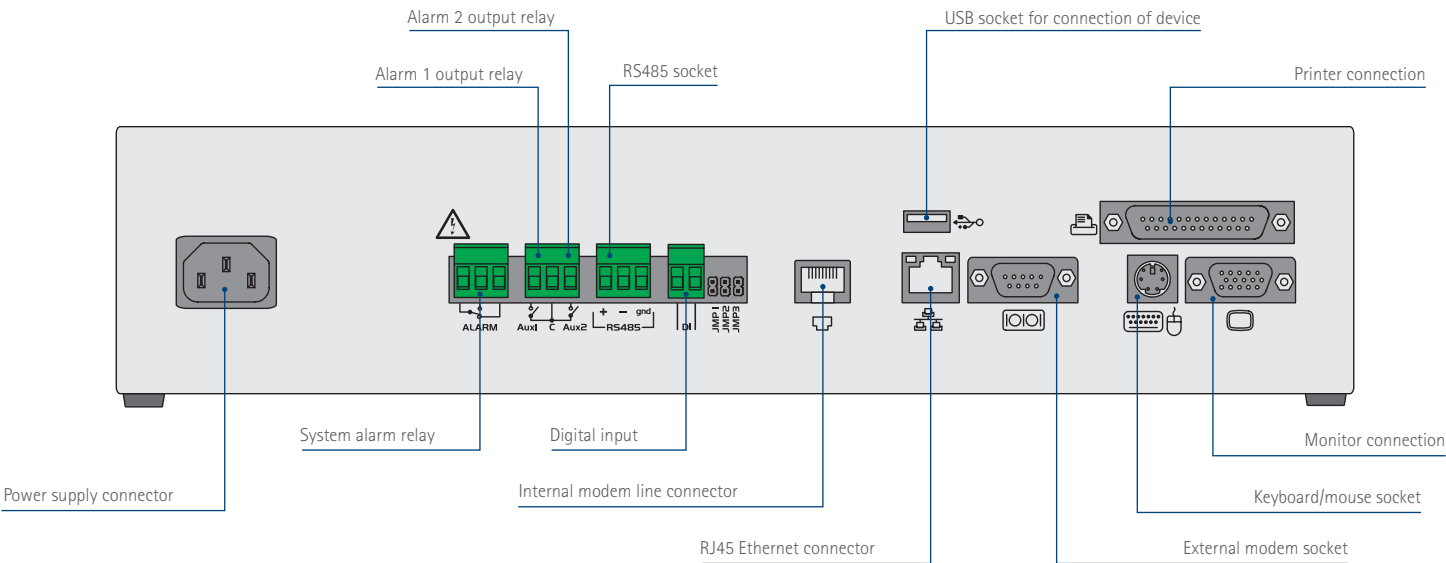
With XWEB5000 it's possible to intervene sending commands to monitored devices. The installer can create a supervision "Project" (or several "Projects") by programming links between the input variables (inputs, status and outputs of a controller) and defining what actions the system must take when these conditions are met. Unlike a standard PLC, where the user is required to know a specific programming language, with the XWEB5000 the "project" can be easily created using a simple graphic user interface, but importantly, without the need to learn a complex programming language. A specific software is not necessary: the supervising software has been written in JAVA and it runs on the client PC. The project is saved to the XWEB5000; several project can be run simultaneously.



TECHNICAL DATA

- 1,3GHz CPU
- 512MB internal memory
- 120GB HD
- 1 LAN output
- 2 USB outputs
- 110/230Vac $\pm 10\%$ power supply
- 1 RS485 serial line for device (ModBUS – RTU) connection
- 1 RS232 output for external modem connection

- 1 system alarm relay output
- 2 RS485 alarm relay outputs
- 1 print output (25 pin)
- 1 digital input
- 1 keyboard/mouse connector
- 1 video output
- Sampling time programmable from 1 to 255 minutes
- Analogue internal modem (optional)



HOW TO ORDER

XWEB5000

X	W	E	B	5	0	0	0	-	6	0	0	0	E
---	---	---	---	---	---	---	---	---	---	---	---	---	---

E

Internal modem

- 0 = No
- 1 = Yes

XWEB FUNCTIONS

An overview of some most important XWEB family functions.

RS485 monitor - Mozilla Firefox

01/19/2021 1:42pm TestFile0196.xls

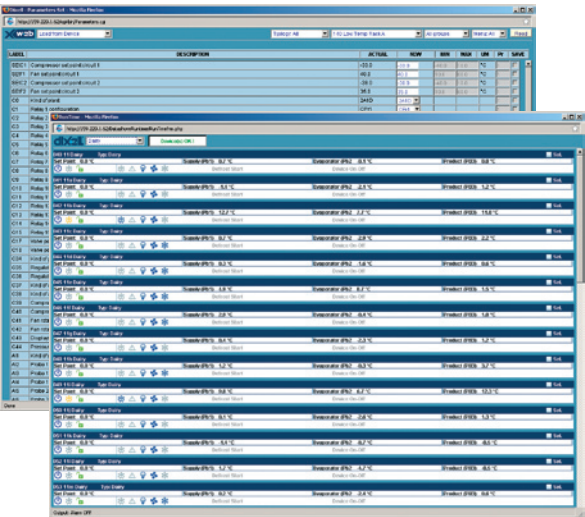
Address	Model	Name	TX	RX	% OK	% Lost	TimeOut	% Acceptation	Test	
73	XM483K	13 HLU	1985	0			01:00:00	100	0	Test
109	XM483K	Liquor Store CR LS1	1985	0			01:00:00	100	0	Test
110	XM483K	Liquor Store CR LS2	1977	0			01:00:00	100	0	Test
76	XM483K	13 HLU	23616	1980			83:32:16.67	0	16:67	Test
77	XM483K	13 HLU	23766	1980			83:34:16.66	0	16:66	Test
78	XM483K	13 HLU	23731	1977			83:34:16.66	0	16:66	Test
79	XM483K	13 HLU	23729	1977			83:34:16.66	0	16:66	Test
80	XM483K	13oz Deli	23742	1978			83:33:16.67	0	16:67	Test
85	XM483K	14ps Bakery	23765	1984			83:33:16.67	0	16:66	Test
95	XM483K	216 Fruit & Veg	23730	1976			83:33:16.67	0	16:67	Test
96	XM483K	Roll in a Rita Fruit & Veg	23722	1976			83:34:16.66	0	16:66	Test
118	XM483K	05c High Meat	23734	1977			83:34:16.66	0	16:66	Test
119	XM483K	05d High Meat	23740	1978			83:33:16.67	0	16:67	Test
121	XM483K	06a Gourmet	23718	1976			83:33:16.67	0	16:66	Test
89	XM483K	11oz Dairy	23713	1976			83:32:16.68	0.02	16:66	Test
150	ENERO ANAL	Energy Analyzer	1048020401				86:82:10:38	10:38	0	Test
2	XM483K	151 Sa Icecream	23710	23707			99:99:0.01	0.01	0	Test
55	XM483K	11oz Dairy	23678	23674			99:99:0.02	0.02	0	Test
58	XM483K	11oz Dairy	23745	23707			99:84:1.6	1.6	0	Test
98	XM483K	06n CR GC1	19792	19791			99:99:0.01	0.01	0	Test
99	XM483K	06n CR GC2	19800	19760			99:83:1.7	1.7	0	Test
100	XM483K	Bakery CR H	19802	19801			99:99:0.01	0.01	0	Test
105	XM483K	Dairy CR E1	19789	19785			99:99:0.01	0.01	0	Test

RS485 LINE-CHECK

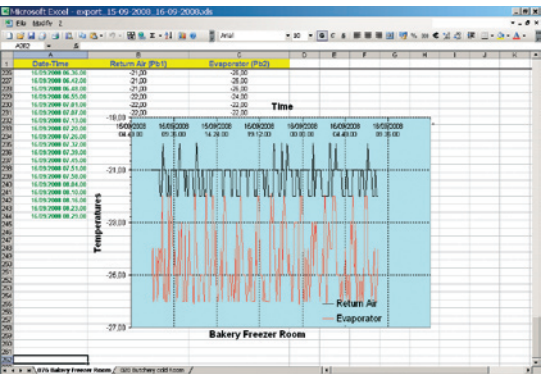
A powerful new tool is able to check performance and statistic data for each controller by carrying out a functional test for every device connected to the RS485 network. You can then have information regarding the quality of the connection. The tool is very useful especially when there is the necessity analyse a network problem; with a statistics that allows you to easily identify which instrument has a connection problem.

PARAMETER PROGRAMMING AND RUN TIME

Thanks to the XWEB the user has an intuitive, powerful and at the same time, very versatile device, that allows him/her to modify the various functioning parameters of the instruments. It will no longer be necessary to make manual adjustments on the controller, because by using the different windows available, and with a few simple operations, it's possible to obtain the required updating. The Run Time function displays many devices together in a unique window. This is dynamic page and the data showed is updated in real time. The status of the devices connected (also from different manufacturers) is displayed simply and clearly and it's possible to modify the various functioning parameters of the instruments.

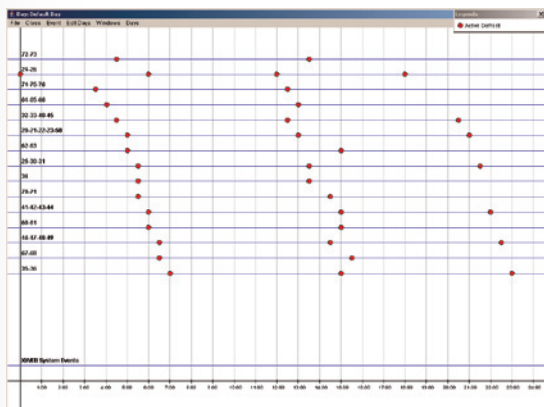


DEVI	DESCRIPTION	ACTUAL	NEW	MIN	MAX	LOW	HIGH	UNIT
DEVI1	Compressor refrigerant 1	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI2	Compressor refrigerant 2	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI3	Compressor refrigerant 3	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI4	Compressor refrigerant 4	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI5	Compressor refrigerant 5	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI6	Compressor refrigerant 6	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI7	Compressor refrigerant 7	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI8	Compressor refrigerant 8	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI9	Compressor refrigerant 9	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI10	Compressor refrigerant 10	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI11	Compressor refrigerant 11	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI12	Compressor refrigerant 12	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI13	Compressor refrigerant 13	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI14	Compressor refrigerant 14	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI15	Compressor refrigerant 15	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI16	Compressor refrigerant 16	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI17	Compressor refrigerant 17	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI18	Compressor refrigerant 18	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI19	Compressor refrigerant 19	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI20	Compressor refrigerant 20	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI21	Compressor refrigerant 21	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI22	Compressor refrigerant 22	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI23	Compressor refrigerant 23	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI24	Compressor refrigerant 24	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI25	Compressor refrigerant 25	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI26	Compressor refrigerant 26	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI27	Compressor refrigerant 27	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI28	Compressor refrigerant 28	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI29	Compressor refrigerant 29	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI30	Compressor refrigerant 30	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI31	Compressor refrigerant 31	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI32	Compressor refrigerant 32	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI33	Compressor refrigerant 33	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI34	Compressor refrigerant 34	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI35	Compressor refrigerant 35	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI36	Compressor refrigerant 36	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI37	Compressor refrigerant 37	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI38	Compressor refrigerant 38	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI39	Compressor refrigerant 39	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI40	Compressor refrigerant 40	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI41	Compressor refrigerant 41	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI42	Compressor refrigerant 42	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI43	Compressor refrigerant 43	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI44	Compressor refrigerant 44	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI45	Compressor refrigerant 45	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI46	Compressor refrigerant 46	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI47	Compressor refrigerant 47	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI48	Compressor refrigerant 48	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI49	Compressor refrigerant 49	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI50	Compressor refrigerant 50	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI51	Compressor refrigerant 51	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI52	Compressor refrigerant 52	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI53	Compressor refrigerant 53	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI54	Compressor refrigerant 54	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI55	Compressor refrigerant 55	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI56	Compressor refrigerant 56	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI57	Compressor refrigerant 57	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI58	Compressor refrigerant 58	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI59	Compressor refrigerant 59	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI60	Compressor refrigerant 60	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI61	Compressor refrigerant 61	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI62	Compressor refrigerant 62	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI63	Compressor refrigerant 63	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI64	Compressor refrigerant 64	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI65	Compressor refrigerant 65	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI66	Compressor refrigerant 66	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI67	Compressor refrigerant 67	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI68	Compressor refrigerant 68	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI69	Compressor refrigerant 69	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI70	Compressor refrigerant 70	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI71	Compressor refrigerant 71	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI72	Compressor refrigerant 72	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI73	Compressor refrigerant 73	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI74	Compressor refrigerant 74	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI75	Compressor refrigerant 75	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI76	Compressor refrigerant 76	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI77	Compressor refrigerant 77	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI78	Compressor refrigerant 78	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI79	Compressor refrigerant 79	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI80	Compressor refrigerant 80	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI81	Compressor refrigerant 81	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI82	Compressor refrigerant 82	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI83	Compressor refrigerant 83	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI84	Compressor refrigerant 84	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI85	Compressor refrigerant 85	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI86	Compressor refrigerant 86	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI87	Compressor refrigerant 87	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI88	Compressor refrigerant 88	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI89	Compressor refrigerant 89	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI90	Compressor refrigerant 90	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI91	Compressor refrigerant 91	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI92	Compressor refrigerant 92	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI93	Compressor refrigerant 93	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI94	Compressor refrigerant 94	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI95	Compressor refrigerant 95	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI96	Compressor refrigerant 96	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI97	Compressor refrigerant 97	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI98	Compressor refrigerant 98	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI99	Compressor refrigerant 99	100.0	100.0	100.0	100.0	100.0	100.0	Hz
DEVI100	Compressor refrigerant 100	100.0	100.0	100.0	100.0	100.0	100.0	Hz



LAYOUT AND GLOBAL COMMANDS (FOR XWEB500D, XWEB500, XWEB3000, XWEB5000)

A powerful graphic editor that doesn't require the installation in your PC of any additional software, is what makes XWEB layout the ideal solution. Using this function the user can access all the recorded data of the controllers and even send a command to a controller. Global Commands option let you send multiple commands to one or more controllers at the same time

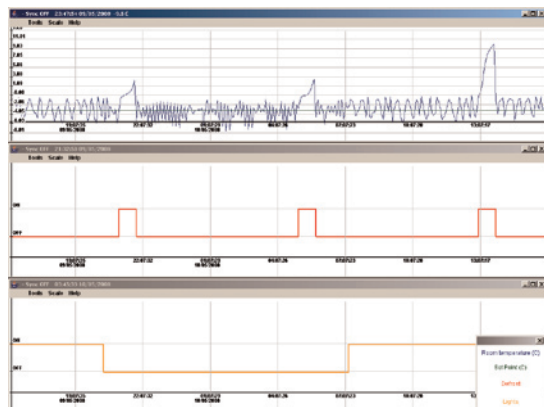
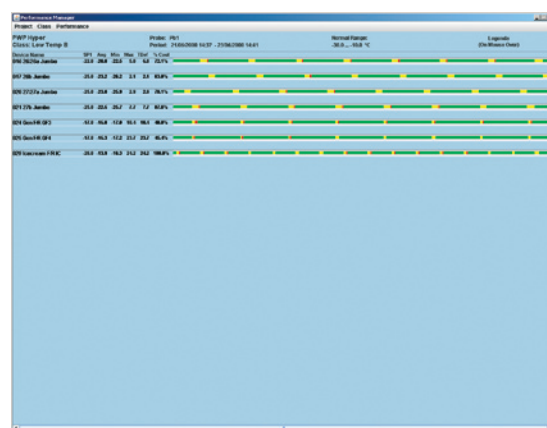


SCHEDULER (FOR XWEB500D, XWEB500, XWEB3000, XWEB5000)

The scheduler is a powerful graphic tool to manage commands sent to the controllers. You can quickly see an overview of all daily activity. This means that energy saving routines and defrosts can be easily scheduled.

PERFORMANCE METER (FOR XWEB500D, XWEB500, XWEB3000, XWEB5000)

This highly appreciated function allows one to verify the right temperature for single devices (wall cabinets, benches, rooms, etc.). The graphic layout offers a complete vision about the plant operating mode.

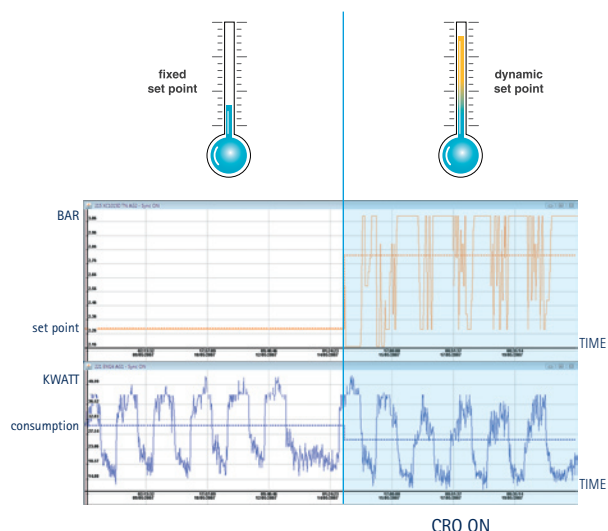


CRO (FOR XWEB5000)

The connection to the modern supervising systems (of Dixell) allows, thanks to the special CRO algorithm (Compressor Rack Optimization), to manage the compressor rack set point in the best possible way, depending on the devices connected, resulting in plant optimization and energy saving. The system, equipped with the CRO function, analyzes the information from the controller to determine if a controller needs more refrigeration power and how much. The set point will be recalculated in order to satisfy the worse instance and sent from the supervising system to the XC1000D compressor rack controller; this will be the new working set point. If the supervising system can't manage the XC1000D, it's the controller that "decides" to replace the set point (coming from the system) and will then re-define the set point in the planning phase of a refrigeration plant. The 2 graphs emphasize that when the CRO algorithm is active, in a real installation, the set point becomes on average higher, and consequently the energy consumption decreases. The dotted line represents the average weekly value.

GRAPHICS (FOR XWEB300D, XWEB500D, XWEB500, XWEB3000, XWEB5000) CIRCULAR GRAPHICS (FOR XWEB3000, XWEB5000)

The XWEB can supply powerful graphs, able to represent multiple analogue variables on the same pictorial system and the course of the status of the outputs and alarms. This allows the user to have a precise snapshot view of important variables, for easy diagnosis of faults. Thanks to the high sampling rate of circular graphs, they are more detailed and appreciated by service for diagnostics.



XWEB CONNECTIONS

Among many important XWEB system features, a remarkable one is the possibility of linked servers using several methods: by PDA, by local PC or remote PC.

CONNECTION VIA PALMTOP COMPUTER (PDA)

When the connection is made by means of a Palmtop computer (PDA), the XWEB automatically recognises it and makes several dedicated pages available. On them is possible to display all the values of a device and send it commands.



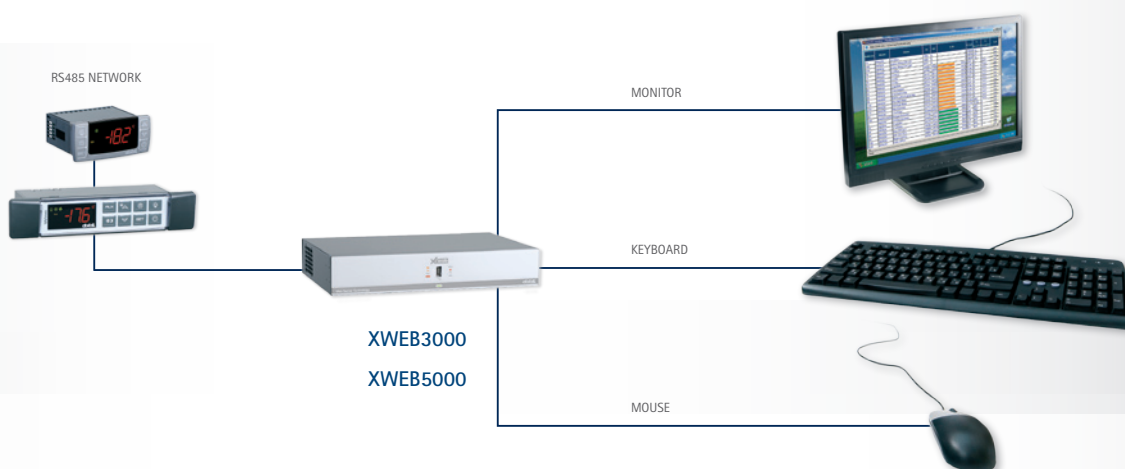
LOCAL CONNECTIONS

XWEB server and associated systems can be locally linked connecting the system to a PC.



XWEB300D - XWEB500D - XWEB500 - XWEB3000 - XWEB5000

Thanks to their advanced features, XWEB3000 and XWEB5000 can be used as local machine by means of monitor, keyboard and mouse connection.

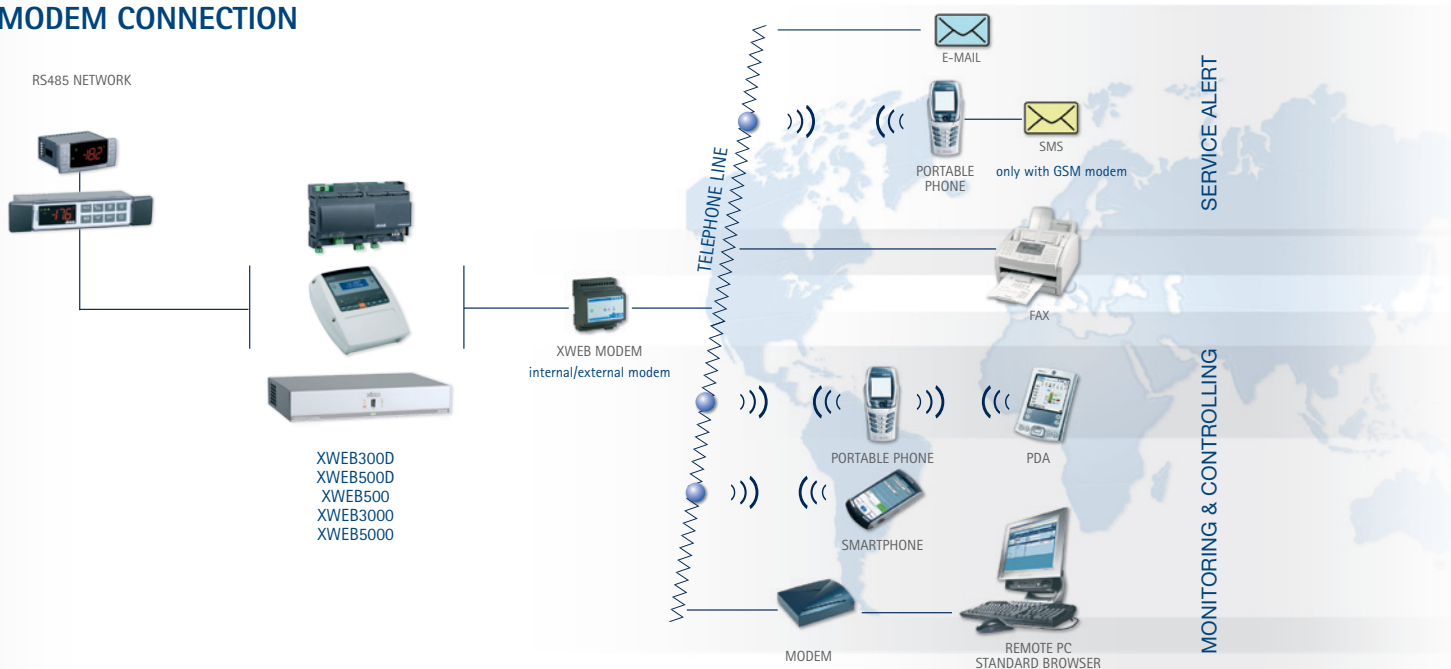


REMOTE CONNECTIONS

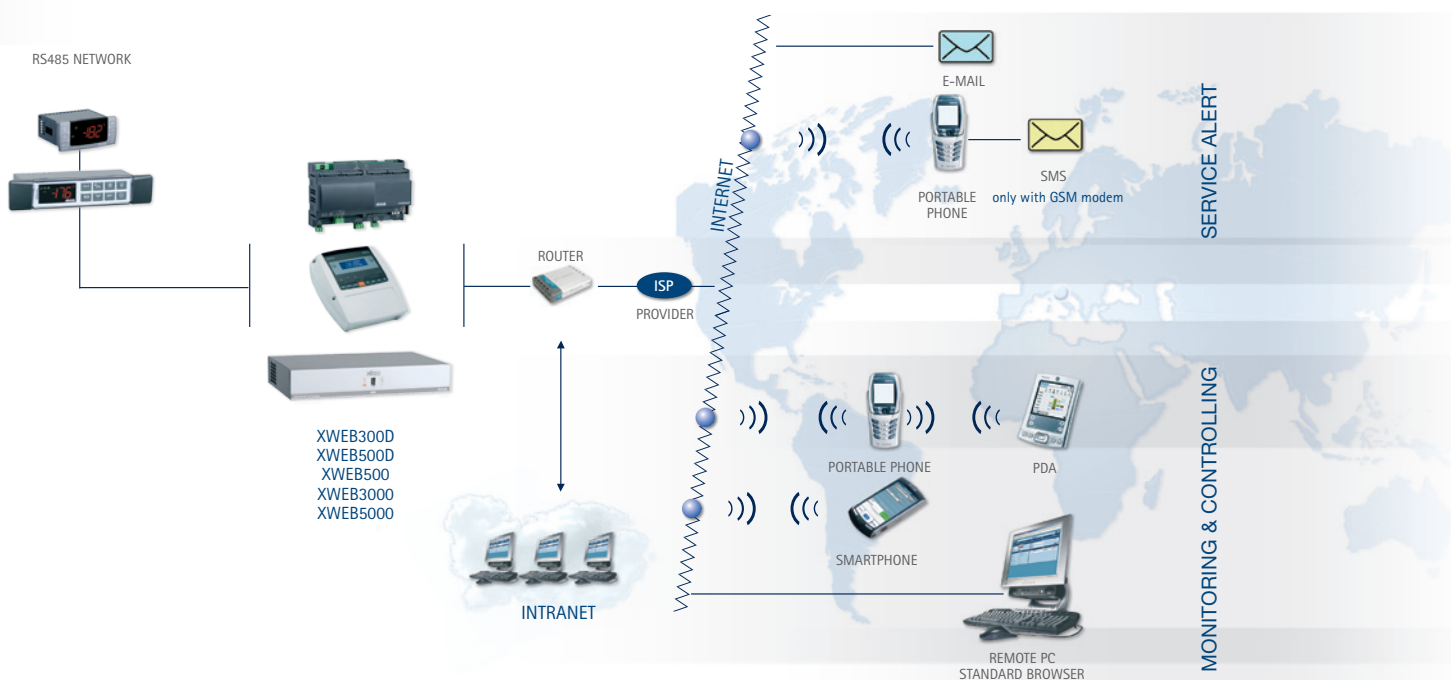
XWEB Server can be remotely accessed using several methods:

- by modem with point to point connection, also with GSM modem (only for devices that support it);
- by link in local Ethernet network, by means of standard net connector RJ45;
- by direct Internet connection, if provided with a static IP address.

MODEM CONNECTION



INTERNET/INTRANET CONNECTION

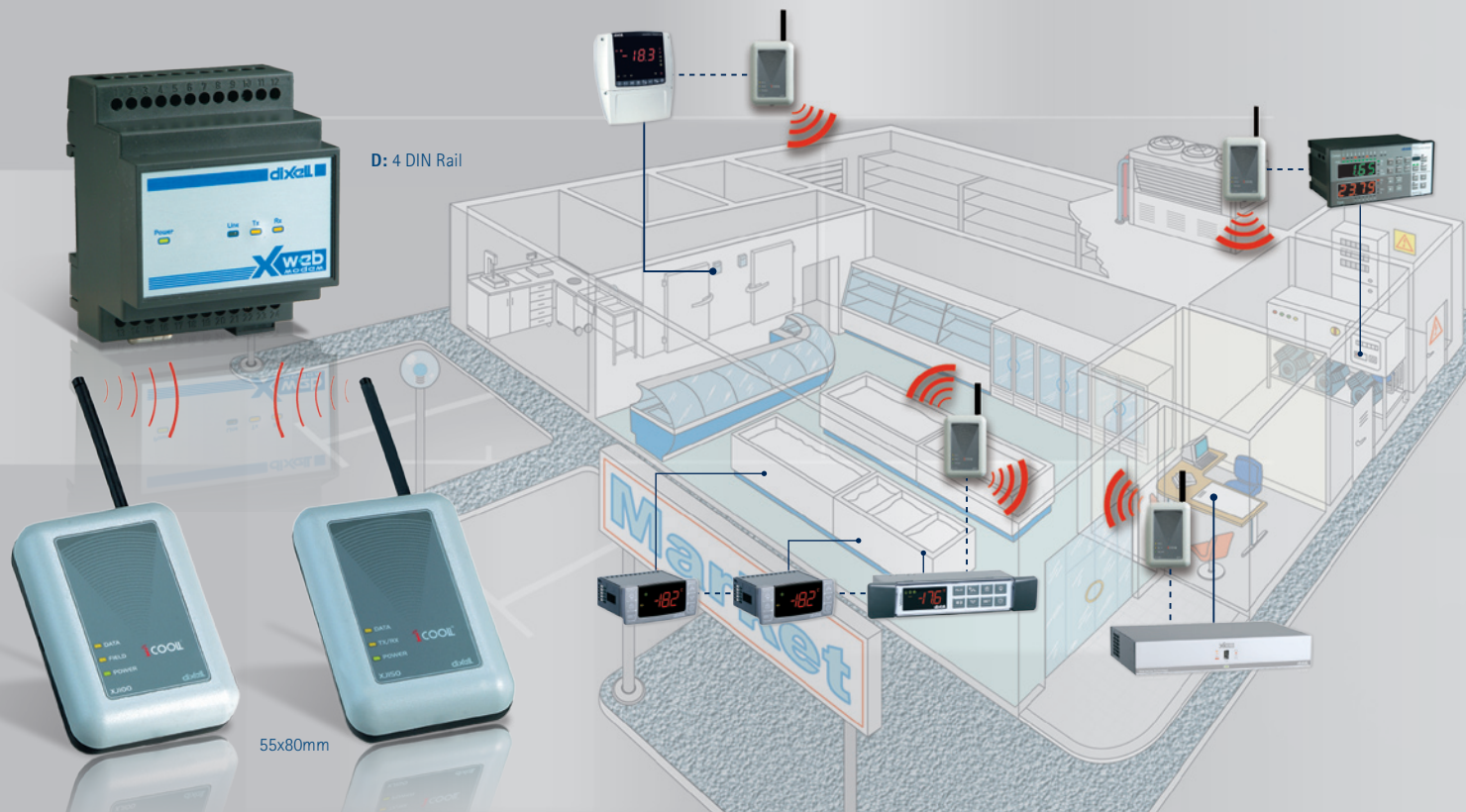


MODEMS AND CONNECTING CABLES

XWEB MODEM	for XWEB300D/500D 500/3000/5000	Analogue serial modem PDA compatible, 56kbps (DIN Rail format) HOW TO ORDER: XWEBMODEM-200 (with 24Vac power supply) XWEBMODEM-400 (with 110Vac power supply) XWEBMODEM-500 (with 230Vac power supply)	
TC35-KIT	for XWEB300D/500D/500	GSM modem kit containing the modem, the power supply unit, the transmitting antenna with the relevant cable and the connection to controlling system	
CAB/WEB/NET	for XWEB300D/500D 500/3000/5000	Ethernet patch cable, 3m	
CAB/WEB/PC	for XWEB300D/500D 500/3000/5000	Ethernet patch cross over cable, 1m	

XWEB SYSTEMS GUIDE

	XWEB300D	XWEB500D	XWEB500	XWEB3000	XWEB5000
Applications	Small and medium	Medium and large	Medium and large	Large	Large with supervision
Format	10 DIN Rail	10 DIN Rail	210x230x87h	350x235x47h	350x235x47h
Power supply	24Vac or 110÷230Vac	24Vac or 110÷230Vac	110Vac or 230Vac	110/230Vac	110/230Vac
On-board display			•		
N. of instruments	6 - 18	36 - 100	100	247	247
CPU	200MHz	200MHz	200MHz	1,3GHz	1,3GHz
Internal memory	8 or 24MB	48 or 128MB	128MB	512MB	512MB
USB port for PC connection			•		
USB output for devices connection		•	•	•	•
Relay output	1	3	3	3	3
Digital input		•	•	•	•
LAN output	•	•	•	•	•
RS485 output	•	•	•	•	•
External modem	Analogue or GSM opt	Analogue or GSM opt	Analogue or GSM opt	Analogue	Analogue
Internal modem	Analogue or GSM opt	Analogue or GSM opt	Analogue opt	Analogue opt	Analogue opt
Sampling time	From 1 to 60 minutes	From 1 to 60 minutes	From 1 to 60 minutes	From 1 to 255 minutes	From 1 to 255 minutes
RS485 line check	•	•	•	•	•
Parameter programming	•	•	•	•	•
Run time function	•	•	•	•	•
Data export in Excel® format	•	•	•	•	•
Graphics	•	•	•	•	•
Layout function		•	•	•	•
Scheduler function		•	•	•	•
Global commands		•	•	•	•
Performance meter		•	•	•	•
Circular graphics				•	•
Supervision module					•
CRO module					•



ACCESSORIES: TX/RX MODULES FOR WIRELESS NETWORK – POWER ANALYSERS

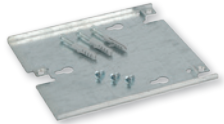
WIRELESS NETWORK MODULE

- ICOOLL radio communication system for controlling and supervising units
- Cover all application fields, from single benches to cold rooms and compressor racks
- The information coming from the controller are transmitted to an XJ100 module and directly sent to the XJ150 connected to the XWEB unit
- Possibility to connect many instruments to the same XJ100
- Possibility to use XJ100 as a "bridge" for the signals sent by other modules
- Easy to use and less installation time and costs
- 0,25VA max power absorption
- Operating frequency: 433,5068MHz
- Range: 80m (no obstacles)
- Wall or panel mounting
- Power supply: XJ100 (5Vdc directly from the controller); XJ150 (5Vdc from PWS150J module)

ICOOLL

XJ100	Radio-frequency communication module to use with controllers	 ICOOLL® Standard: EN61000-6-3 (2001) + EN 61000-6-1 (2001) ETSI EN 300 220-3 V1.1.1 (2000-09) ETSI EN 301 489-3 V1.2.1 (2000) + ETSI EN 301 489-1 V1.2.1 (2000)
XJ150	Radio-frequency communication module to use with controlling system	
PWS150J	XJ150 power supplier	

POWER ANALYSERS – XWEB500 BRACKET

WM14	Power analyser, three-phase, with RS485 output. 90÷260Vac power supply. Dimensions: 107,5x90x63mm. DIN Rail and wall mounting. Housing: Self-extinguishing ABS. Operating temperature: 0÷55°C (32÷131°F). Relative humidity < 90%. Technical documentation on demand.	
WM22D	Single/three-phase, 400Vac energy analyser with RS485 output. Power supply: 230Vac. Dimensions: 162,5x90x63mm. Wall and DIN Rail mounting. Housing: self extinguishing ABS. Operating temperature: 0÷55°C (32÷131°F). Relative humidity<90%. Technical documentation on demand.	
XW-WA	XWEB500 wall mounting bracket	



D: 4 DIN Rail



XJA-XJP-XJR SERIES: RELAY AND ACQUISITION MODULES

- 4 relay output modules, managed by monitoring system (XJR)
- Digital inputs for local enable/disable of relays (XJR)
- Data acquisition modules suitable for collecting data from any kind of installation (XJP)
- Up to 6 inputs for NTC, PTC, 4÷20mA and 0÷10V and 3 digital inputs or 4 Pt100 inputs and 4 digital inputs (XJP)
- Up to 10 line voltage inputs (XJA)
- Direct line power supply 230 (110)Vac. No external transformer required
- Remote display option
- Standard communication protocol ModBUS-RTU
- Hot Key or Prog tool kit connector for a quick and easy programming
- 6VA max power absorption

HOW TO ORDER

XJR X J R 4 0 D - A 0 C 0 0

A	C
Power supply	Buzzer
2 = 24Vac/dc	0 = No
4 = 110Vac	1 = Yes
5 = 230Vac	

XJA-XJP30/60 X J 30/60 D - A B C D E

XJP40 X J P 4 0 D - A B 0 R 4

XJA50SL X J A 5 0 S L - A 0 0 0 0

A	B	C	D	E
Power supply	Measurement unit	Alarm relay	Probe inputs	Digital inputs
2 = 24Vac/dc	C = °C	0 = No	P = PTC	3 = 3 digital inputs
4 = 110Vac	F = °F	1 = Yes (only for XJA50D)	N = NTC	4 = 4 digital inputs (only for XJP40D)
5 = 230Vac	N = No temperature		R = PT100 (only for XJP40D)	5 = 5 digital inputs (only for XJA50D)
			A = 4÷20mA	6 = 6 digital inputs
			W = 0÷10V	
			0 = No	

XJA-XJP-XJR

RELAY MODULE and PROBE and ALARM ACQUISITION MODULES



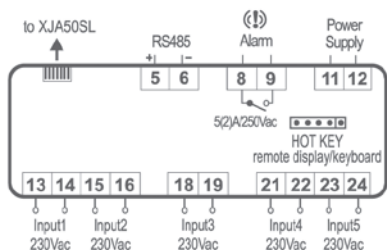
D: 4 DIN Rail

XJA50D XJA50SL	Alarms/status acquisition modules, without display, able to read up to 5 + 5 independent inputs (master + slave)
XJP30D XJP40D XJP60D	Probes and alarms data acquisition modules, without display, able to read up to 9 different inputs
XJR40D	Relay module, without display, ables to manage 4 independent output relays

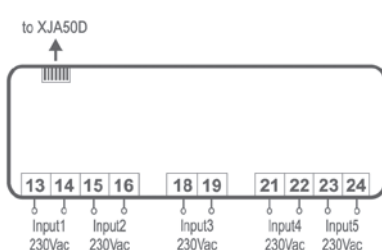
FEATURES	XJA50D	XJA50SL	XJP30D	XJP40D	XJP60D	XJR40D
Keyboard: push buttons						4
Power supply	24, 110, 230Vac	from controller	24, 110, 230Vac	24, 110, 230Vac	24, 110, 230Vac	24, 110, 230Vac
Inputs						
Analogue			3 x NTC/PTC/ 4÷20mA/0÷10V	4x Pt100	6*x NTC/PTC/ 4÷20mA/0÷10V	
Digital inputs (power supply voltage)	5	5	3	4	3	
Digital inputs (free of voltage contacts)			3 opt		3*	4
Relay outputs						
N° 4	5A opt					no 8A / nc 5A
Other						
Hot Key/Prog Tool Kit output	pres		pres	pres	pres	pres
Remote display/keyboard output	X-REP/KB1PRG		X-REP/KB1PRG	X-REP/KB1PRG	X-REP/KB1PRG	KB1PRG
Serial output	RS485		RS485	RS485	RS485	RS485
Analog output	5	5	3	4	6	1
Buzzer						opt

*: XJP60D has 3 analogue inputs that are configurable as free of voltage digital inputs

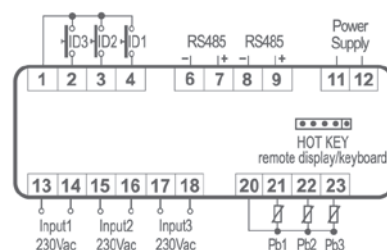
XJA50D



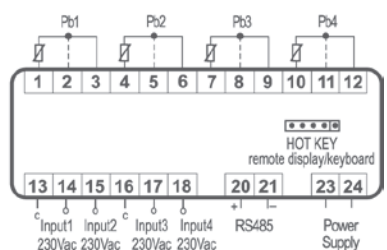
XJA50SL



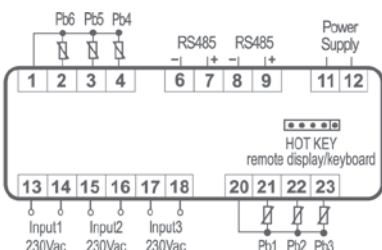
XJP30D



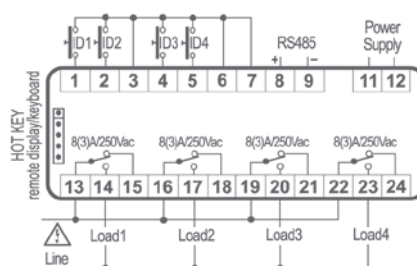
XJP40D



XJP60D



XJR40D



100x64mm

KB1-PRG

6 key programming keyboard for
XJA50D - XJP30D - XJP40D
XJP60D - XJR40D

Display: n° digits: ± 3 d.p.

Keyboard: push buttons: 6



The cable **CAB/KB11** (1m) is designed to connect the keyboard with the XJA-XJP-XJR modules